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Lifestyle Indices - Power Disruption Index - v2

Domain Portfolio: Forecast | Domain: Lifestyle - Indices | Usage Classification: Standard

Geography: Global **Attribution Required:** n/a **Attribution Requirements:** n/a

Your content licensing agreement with TWC determines the number of days returned in the API response and is constrained by the API Key that is provided to your company.

Overview

The Forecast Indices API is sourced from the TWC Forecast system. The Power Disruption index provides indices indicating the potential for power disruptions due to weather.

HTTP Headers and Data Lifetime - Caching and Expiration

For details on appropriate header values as well as caching and expiration definitions, please see **The Weather Company Data | API Common Usage Guide**.

URL Construction

Atomic API URL Examples:	
Power Disruption Index - Daypart API	
Request by Geocode (Latitude & Longitude): Required Parameters: geocode, language, format https://api.weather.com/v2/indices/powerDisruption/daypart/<duration>?**geocode=33.74,-84.39**&language=en-US&format=<json>&**apiKey=yourApiKey**	**Aggregate Product Name**
https://api.weather.com/v2/indices/powerDisruption/daypart/15day?geocode=33.74,-84.39&language=en-US&format=json&apiKey=**yourApiKey**	v2idxPowerDaypart15
Request by Postal Code: Required Parameters: postalCode, countryCode, language, format https://api.weather.com/v2/indices/powerDisruption/daypart/<duration>?**postalCode=94608**&**countryCode=US**&format=<json>&language=en-US&**apiKey=yourApiKey**	**Aggregate Product Name**
https://api.weather.com/v2/indices/powerDisruption/daypart/15day?postalCode=94608&countryCode=US&format=json&language=en-US&apiKey=**yourApiKey**	v2idxPowerDaypart15

Data Elements & Definitions

API Name	Field Name	Description	Type	Range	Sample	Nulls Allowed	Usage
Repeating Elements: Unique to Forecast							
	fcstValid	Time forecast is valid ... start of the forecast period, always 7am local time.	[epoch]		1369306800	N	Display As Provided
	fcstValidLocal	Time forecast is valid ... start of the forecast period, always 7am local time.	[ISO]		2013-05-23T07:00:00-0400	N	Display As Provided
Repeating Elements: Common Per Time Segment							
	num	Daypart Segment (12hour) - Sequential daypart number, where 1 = daytime of Day 0	[integer]		21	N	Display As Provided
	dayInd	Day / Night Indicator	[string]	D, N	D	N	Display As Provided

	daypartName	Name of 12hr daypart, not including day names in first 48hrs	[string]		Tomorrow	N	Display As Provided
Atomic Indices							
Power Disruption Index	powerDisruptionCategory	Descriptive text of Power Disruption Index	[string]		Low	N	Display As Provided
	powerDisruptionIndex	Index indicating the potential for power disruptions due to weather. 0=none, 1=low, 2=moderate, 3=high, 4=very high	[integer]	0-4	1	N	Display As Provided

JSON Sample

JSON Sample - Daypart


```
{
"metadata": {},
"powerDisruptionIndex12hour": {
"fcstValid": [],                    {//JSON payload},
"fcstValidLocal": [],               {//JSON payload},
"dayInd": [],                       {//JSON payload},
"num": [],                          {//JSON payload},
"daypartName": [],                  {//JSON payload},
"powerDisruptionIndex": [],         {//JSON payload},
"powerDisruptionCategory": []       {//JSON payload},
}
}
```